



State of Montana

Livestock

2012 Agency Biennial IT Report

Fiscal Year 2011-2012

August 2012

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EXECUTIVE SUMMARY

The Department of Livestock's mission is to prevent, control, and eradicate animal diseases; prevent the transmission of animal diseases to humans; protect livestock industries from theft and predatory animals; assure clean, wholesome, and properly-labeled meat and poultry products; regulate and inspect the milk industry, and monitor and regulate the horse racing industry.

Initiative Status	Total	Fully Funded	Unfunded	Partially Funded
Completed	2	2		
Substantially Completed	0			
Deferred	0			
Delayed	0			
Cancelled	0			
Remain on-going by design	0			

SECTION 1: AGENCY IT PLAN ACCOMPLISHMENTS – GOALS & OBJECTIVES

Goal Number 1: Migrate legacy platform systems and applications to a State standard platform.

Description: The department has approximately 13 legacy DOS systems remaining to migrate to an Oracle platform.

Benefits: Moving applications to a State standard will allow for better support and maintenance and eliminate duplication of effort with system and application data entry and maintenance. The Department, the livestock community, veterinarians and the general public would benefit from this goal.

Supports/Implements Agency Goal or Requirement: This goal supports all agency division goals and objectives by providing applications to maintain data specific to the division that can best meet each division's demands and provide cost-effective, efficient services. The Department, the livestock community, veterinarians and the general public would benefit from this goal.

Implements State IT Goals/Initiatives By: This goal supports the state IT goals of Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner by reducing costs and duplication of effort, developing more efficient systems, including testing and quality assurance and continuous strategic planning for improving systems and applications and Improve Government Services by providing new services more efficiently and effectively.

Status: Substantially completed. One legacy DOS system is still in use and the new application for it is currently in user testing.

Supporting Objective/Action

Objective 1-1 Eliminate Duplication

Accomplishments: All but one of the DOS legacy systems have been replaced. The remaining DOS system replacement is nearing completion. >90%

Status: Substantially Completed

Supporting Objective/Action

Objective 1-2 Improve System Functionality

Accomplishments: All but one of the DOS legacy systems have been replaced. The remaining DOS system replacement is nearing completion. >90%

Status: Substantially Completed

Supporting Objective/Action

Objective 1-3 Services and Functionality provided via the internet

Accomplishments: Animal Health permits are now available on the internet. The Master brand book is available online and county brand books may be purchased online. Market permits may be purchased online.

Status: Partially Completed. There are still several services waiting to be available online.

Supporting Objective/Action

Objective 1-4 Analyze Hardware and Software

Accomplishments: A new file server and application server was purchased and installed in the Helena office. New applications were installed and activated.

Status: Partially Completed. There is still some software that needs to be upgraded, such as the Oracle 9i database.

Goal Number 2: Interagency data sharing and exchange

Description: As the legacy DOS systems are migrated to Oracle, the department will be identifying areas where data can be shared and/or exchanged with other identified state agencies in order to eliminate duplication.

Benefits: This would provide time and cost savings by eliminating duplication of effort between the Department and other involved state agencies. The Department, other state agencies, the livestock community, veterinarians and the general public would benefit from this goal.

Supports/Implements Agency Goal or Requirement: This goal supports all agency division goals and objectives.

Implements State IT Goals/Initiatives By: This goal supports the state IT goals of Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner by reducing costs and duplication of effort, developing more efficient systems, including testing and quality assurance and continuous strategic planning for improving systems and applications and Improve Government Services by providing new services more efficiently and effectively.

Accomplishments: The new animal Health USAHerds system made sharing game-farm data with Fish Wildlife and Parks much easier. The new LIMS system made sharing lab results possible, but has not been implemented.

Status: on-going

Supporting Objective/Action

Objective 2-1 Identify data agency sharing

Accomplishments: As legacy systems were upgraded potential data sharing areas were identified. Identifying data shares will be an on-going process as needs change.

Status: on-going

Supporting Objective/Action

Objective 2-2 Incorporate agency data sharing

Accomplishments: Access to the game-farm module of USAHerds was granted to Fish Wildlife and Parks.

Status: on-going

Goal Number 3: Provide more accessible services for the livestock industry, veterinarians and the general public with efficient use of information technology resources.

Description: As legacy DOS systems are migrated to an Oracle platform, the department will identify functions in these systems that could be provided as services via the Internet.

Benefits: Providing these services via the Internet would be more accessible to the livestock community, veterinarians and the general public.

Supports/Implements Agency Goal or Requirement: This goal supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Implements State IT Goals/Initiatives By: This goal supports the state IT goal of Improve Government Services by providing more accessible services to the livestock community, analyzing trends and changes in the livestock industry and responding to their needs for more accessible services, and providing services via the Internet.

Status: On-going

Supporting Objective/Action

Objectives 3-1 thru 3-4 Identify Internet services, perform cost analysis, analyze hardware and software, develop plan, coordinate with ITSD and vendor, and implement internet service.

Accomplishments: As legacy systems were upgraded potential internet service areas were identified. Identifying internet services will be an on-going process as needs change. As listed earlier in this document (Objective 1-3) several internet services have been implemented.

Status: on-going

Goal Number 4: Participate in the National Animal Identification System (NAIS)

Description: The department coordinates for the NAIS in Montana. NAIS's goal is to achieve a trace back system that can identify all animals and premises potentially exposed to an animal with a Foreign Animal Disease (FAD) within 48 hours after discovery.

Benefits: This goal will provide enhanced disease control and eradication capabilities for rapid containment of foreign animal disease outbreaks and enhanced ability to respond to biosecurity threats. It will enable the industry to meet the demands of domestic and international consumers for source-verified products and provide for mitigation of threats to biosecurity of the food supply, either intentional or unintentional. The livestock producers, federal government, veterinarians and the general public would benefit from this goal.

Supports/Implements Agency Goal or Requirement: This goal supports the agency mission to safeguard the health and food production capacity of the State's animals and poultry by providing for the diagnosis, prevention, control, and eradication of animal diseases, prevent the transmission of animal diseases to man, and address other public health risks.

Implements State IT Goals/Initiatives By: This goal supports the state IT goals Improve the Quality of Life by providing services for disease control and biosecurity threats through more efficient means, and Improve Government Services by participating in disaster recovery exercises and planning for disease outbreaks and biosecurity threats.

Accomplishment: There is no longer an NAIS program. It has been replaced with National Animal Disease Traceability Program. The Animal Health and Brands Divisions are working jointly to deploy a system to make Montana compliant with the standards set forth in the National Animal Disease Traceability Program. This system will enhance our brands tracking system to make trace back more efficient and responsive in the event of an animal health disease outbreak.

Goal Number 5: IT Disaster recovery

Description: Develop and implement an IT Disaster Recovery Plan and incorporate it into the agency's Business Continuity Plan.

Benefits: This would provide for established and efficient procedures in the event of a disaster; Faster recovery of department critical functions and systems. The Department, the livestock community, veterinarians and the general public would benefit from this goal.

Supports/Implements Agency Goal or Requirement: This supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Implements State IT Goals/Initiatives By: This supports the state IT goal of Improve Government Services by continuing to provide services to the livestock community in the event of a disaster, participating in disaster recovery exercises and planning, and by having procedures in place to minimize downtime and costs.

Accomplishments: Events have been attended and a plan has been written.
Status: On-going

Supporting Objective/Action

Objective 5-1

Participate in Disaster Recovery functions

Accomplishments: As disaster recovery and security events have arisen and fit into our schedule the Livestock IT staff have attended these events.

Supporting Objective/Action

Objective 5-2

Disaster Recovery Planning

Accomplishments: A disaster recovery and security plan was written down implemented into the IT plan. This plan is to be reviewed at least yearly and on an as needed basis.

Completed and on-going.

Goal Number 6: Replace Brands Mainframe system with an RDMS based system.

This goal and objectives were accomplished by start of January 2011.

Goal Number 7: Upgrade technologies for brand rerecord

This goal and objectives were accomplished along with goal 6 with the new brands application system.

Goal Number 8: Regularly scheduled replacement of Field Automation and Information Management

(FAIM) laptop computers in FY2010 and FY2011.

This goal and objectives were accomplished.

Goal Number 9: Replace Animal Health permits and disease tracking system.

This goal and objectives were accomplished by start of January 2011.

Goal Number 10: Continue debugging and enhancing the LIMS (Laboratory Information Management System)

This is an on-going goal with its objectives.

Goal Number 11: Finish development of data sharing with NAHLN.

This goal was accomplished Fall of 2011. It will also be on-going as new data share requests are coming.

SECTION 2: IT INITIATIVES STATUS UPDATES

Initiative 1 Brands System

Description: Replace current brands application

EPP Number: 1

Status: Completed

Funding: Funded

Initiative 2 Animal Health System

Description: Replace the current Animal Health system

EPP Number: 2

Status: Completed

Funding: Funded

SECTION 3: ADDITIONAL INFORMATION - OPTIONAL

The department of Livestock has only 3 IT staff to support around 156 users, over 100 devices, and 12 applications in addition to IT policy configurations and review, security policy implementation and review, disaster recovery planning and review, device purchasing and installations, coding applications in-house, writing standard operating procedure manuals and any other IT legislative requirements that must be fulfilled.